

Response to Letter 3, 2004 Office Action  
Application No. 09/712,364  
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### AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application. For the Examiner's convenience, a complete listing of all claims, incorporating the amendments made herein, is attached as Appendix A.

#### Listing of Claims:

Claims 1-11. Cancelled

12. (Currently Amended) A method for lowering serum cholesterol in humans comprising administering to a human the combination of an essentially non-absorbable very high molecular weight sulfated polysaccharide having less than about ~~5.0-0.98~~ wt. percent of sulfated polysaccharides having a molecular weight less than 75,000 Daltons and containing less than 0.5 weight percent of inorganic sulfate and a second compound that reduces serum cholesterol levels wherein the high molecular weight sulfated polysaccharide is prepared by sulfating a very high molecular weight polysaccharide with a sulfur containing compound at a temperature less than about 20° C.

13. (Original ) The method of claim 12 wherein the second compound is at least one cholesterol synthesis blocker.

14. (Original ) The method of claim 13 wherein the cholesterol synthesis blocker is lovastatin.

15. (Original ) The method of claim 12 wherein the second compound is an inhibitor of ACAT.

16. (Original ) The method of claim 12 wherein the sulfated polysaccharide is sulfated cellulose.

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17. (Currently Amended) A method for lowering serum cholesterol in humans comprising administering to a human the combination of an essentially non-absorbable very high molecular weight sulfated cellulose having less than about 0.98 5.0-wt. percent of sulfated cellulose having a molecular weight less than 75,000 Daltons and containing less than 0.5 weight percent of inorganic sulfate and lovastatin wherein the high molecular weight sulfated polysaccharide is prepared by sulfating a very high molecular weight polysaccharide with a sulfur containing compound at a temperature less than about 20° C.